

Test Report

Report No. BCTC-FYC19072969R

Date: Jul. 09, 2019

Applicant : Maclight Display Co, Limited

Address : #615, C block, Mingyou Industrial Purchasing Center, Baoyuan Road,
Baoan District, Shenzhen, China

The submitted sample and sample information was/were submitted and identified by/on the behalf of the client

Sample name : LCD and OLED display module

Testing type /model : MLD223-12832A

Additional type /model : MLD083-9639AW, MLC3794-09, MLT050R40-T2, MLG12864JB-28

Manufacturer : Maclight Display Co, Limited

Address : #615, C block, Mingyou Industrial Purchasing Center, Baoyuan Road,
Baoan District, Shenzhen, China

Sample received date : Jul. 01, 2019

Testing period : Jul. 01, 2019 - Jul. 09, 2019

Test requested : As specified by client, based on the list published by European chemicals agency (ECHA) for public consultation regarding regulation (EC) No 1907/2006 concerning the REACH, to determine the one hundred and ninety-seven (197) Substances of Very High Concern (SVHC) in the submitted sample.

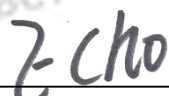
Summary:

According to the specified scope and analytical techniques, concentrations of SVHC are less than 0.1%(w/w) in the submitted sample.

PASS

*****For more detailed information, please refer to the next page*****

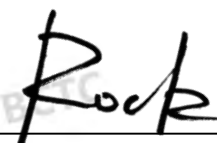
Tested by



Xingping Li



Approved by



Hanyao Chen

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Tested Sample/Part Description:

LCD and OLED display module mixed

Report Result(s):

Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)
1	Bis(tributyltin)oxide(TBTO)	56-35-9	200-268-0	0.020	N.D.
2	Diarsenic pentaoxide**	1303-28-2	215-116-9	0.005	N.D.
3	Diarsenic trioxide**	1327-53-3	215-481-4	0.005	N.D.
4	Triethyl arsenate**	15606-95-8	427-700-2	0.005	N.D.
5	Lead hydrogen arsenate**	7784-40-9	232-064-2	0.005	N.D.
6	Cobalt dichloride**	7646-79-9	231-589-4	0.005	N.D.
7	Sodium dichromate **	7789-12-0/ 10588-01-9	234-190-3	0.005	N.D.
8	Anthracene	120-12-7	204-371-1	0.020	N.D.
9	4,4'-Diaminodiphenylmethane(MDA)	101-77-9	202-974-4	0.020	N.D.
10	Dibutyl phthalate(DBP)	84-74-2	201-557-4	0.020	N.D.
11	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	0.020	N.D.
12	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	0.020	N.D.
13	Bis (2-ethylhexyl)phthalate(DEHP)	117-81-7	204-211-0	0.020	N.D.
14	Hexabromocyclododecane(HBCDD) and all major diastereoisomers identified	25637-99-4/ 3194-55-6 (134237-50-6/ 134237-51-7/ 134237-52-8)	247-148-4/ 221-695-9	0.020	N.D.
15	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	0.020	N.D.
16	Anthracene oil	90640-80-5	292-602-7	0.020	N.D.
17	Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5	0.020	N.D.

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18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.020	N.D.
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.020	N.D.
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.020	N.D.
21	Pitch, coal tar, high temp.	65996-93-2	266-028-2	0.020	N.D.
22	Acrylamide	79-06-1	201-173-7	0.020	N.D.
23	2,4-Dinitrotoluene	121-14-2	204-450-0	0.020	N.D.
24	Diisobutyl phthalate(DIBP)	84-69-5	201-553-2	0.020	N.D.
25	Lead chromate**	7758-97-6	231-846-0	0.005	N.D.
26	Lead chromate molybdate sulphate red(C.I. Pigment Red 104) **	12656-85-8	235-759-9	0.005	N.D.
27	Lead sulfochromate yellow (C.I.Pigment Yellow 34) **	1344-37-2	215-693-7	0.005	N.D.
28	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	0.020	N.D.
29	Trichloroethylene	79-01-6	201-167-4	0.020	N.D.
30	Boric acid**	10043-35-3/ 11113-50-1	233-139-2/ 234-343-4	0.005	N.D.
31	Disodium tetraborate, anhydrous**	1330-43-4/ 12179-04-3/ 1303-96-4	215-540-4	0.005	N.D.
32	Tetraboron disodium heptaoxide, hydrate**	12267-73-1	235-541-3	0.005	N.D.
33	Sodium chromate**	7775-11-3	231-889-5	0.005	N.D.
34	Potassium chromate**	7789-00-6	232-140-5	0.005	N.D.
35	Ammonium dichromate**	7789-09-5	232-143-1	0.005	N.D.
36	Potassium dichromate**	7778-50-9	231-906-6	0.005	N.D.
37	Cobalt(II) sulphate**	10124-43-3	233-334-2	0.005	N.D.
38	Cobalt(II) dinitrate**	10141-05-6	233-402-1	0.005	N.D.
39	Cobalt(II) carbonate**	513-79-1	208-169-4	0.005	N.D.
40	Cobalt(II) diacetate**	71-48-7	200-755-8	0.005	N.D.

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41	2-Methoxyethanol		109-86-4	203-713-7	0.020	N.D.
42	2-Ethoxyethanol		110-80-5	203-804-1	0.020	N.D.
43	Chromium trioxide**		1333-82-0	215-607-8	0.005	N.D.
44	Acids generated from chromium trioxide and their oligomers	Chromic acid**	7738-94-5	231-801-5	0.005	N.D.
		Dichromic acid**	13530-68-2	236-881-5	0.005	N.D.
		Oligomers of chromic acid and dichromic acid**	--	--	0.005	N.D.
45	2-Ethoxyethyl acetate		111-15-9	203-839-2	0.020	N.D.
46	Strontium chromate**		7789-06-2	232-142-6	0.005	N.D.
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)*		68515-42-4	271-084-6	0.020	N.D.
48	Hydrazine		7803-57-8/ 302-01-2	206-114-9	0.020	N.D.
49	1-Methyl-2-pyrrolidone		872-50-4	212-828-1	0.020	N.D.
50	1,2,3-Trichloropropane		96-18-4	202-486-1	0.020	N.D.
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters,C7-rich(DIHP)		71888-89-6	276-158-1	0.020	N.D.
52	Dichromium tris(chromate)**		24613-89-6	246-356-2	0.005	N.D.
53	Potassium hydroxyoctaoxodizincatedichromate**		11103-86-9	234-329-8	0.005	N.D.
54	Pentazinc chromate octahydroxide**		49663-84-5	256-418-0	0.005	N.D.
55	Aluminosilicate Refractory Ceramic Fibres(RCF)**		--	--	0.005	N.D.
56	Zirconia Aluminosilicate Refractory Ceramic Fibres(Zr-RCF)**		--	--	0.005	N.D.
57	Formaldehyde, oligomeric reaction products with aniline(technical MDA)		25214-70-4	500-036-1	0.020	N.D.
58	Bis(2-methoxyethyl) phthalate(DMEP)		117-82-8	204-212-6	0.020	N.D.
59	2-Methoxyaniline; o-Anisidine		90-04-0	201-963-1	0.020	N.D.

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60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	0.020	N.D.
61	1,2-Dichloroethane	107-06-2	203-458-1	0.020	N.D.
62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.020	N.D.
63	Arsenic acid**	7778-39-4	231-901-9	0.005	N.D.
64	Calcium arsenate**	7778-44-1	231-904-5	0.005	N.D.
65	Trilead diarsenate**	3687-31-8	222-979-5	0.005	N.D.
66	N,N-dimethylacetamide(DMAC)	127-19-5	204-826-4	0.020	N.D.
67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.020	N.D.
68	Phenolphthalein	77-09-8	201-004-7	0.020	N.D.
69	Lead diazide Lead azide **	13424-46-9	236-542-1	0.005	N.D.
70	Lead styphnate**	15245-44-0	239-290-0	0.005	N.D.
71	Lead dipicrate**	6477-64-1	229-335-2	0.005	N.D.
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.020	N.D.
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether(EGDME)	110-71-4	203-794-9	0.020	N.D.
74	Diboron trioxide**	1303-86-2	215-125-8	0.005	N.D.
75	Formamide	75-12-7	200-842-0	0.020	N.D.
76	Lead(II)bis(methanesulfonate) **	17570-76-2	401-750-5	0.005	N.D.
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine- 2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	0.020	N.D.
78	β-TGIC(1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	0.020	N.D.
79	4,4'-bis(dimethylamino) benzophenone(Michler's ketone)	90-94-8	202-027-5	0.020	N.D.
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline(Michler's base)	101-61-1	202-959-2	0.020	N.D.

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81	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	208-953-6	0.020	N.D.
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl] methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	0.020	N.D.
83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	0.020	N.D.
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.020	N.D.
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	0.020	N.D.
86	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.020	N.D.
87	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.020	N.D.
88	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.020	N.D.
89	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.020	N.D.
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated -covering well-defined substances and UVCB substances, polymers and homologues	--	--	0.020	N.D.
91	4-Nonylphenol, branched and linear - substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof	--	--	0.020	N.D.

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92	Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.020	N.D.
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.020	N.D.
94	Hexahydromethylphthalic anhy, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	0.020	N.D.
95	Methoxy acetic acid	625-45-6	210-894-6	0.020	N.D.
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.020	N.D.
97	Diisopentylphthalate(DIPP)	605-50-5	210-088-4	0.020	N.D.
98	N-pentyl-isopentylphthalate	776297-69-9	--	0.020	N.D.
99	1,2-Diethoxyethane	629-14-1	211-076-1	0.020	N.D.
100	N,N-dimethylformamide; dimethyl formamide	68-12-2	200-679-5	0.020	N.D.
101	Dibutyltin dichloride(DBTC)	683-18-1	211-670-0	0.005	N.D.
102	Acetic acid, lead salt, basic**	51404-69-4	257-175-3	0.005	N.D.
103	Basic lead carbonate(trilead bis(carbonate)dihydroxide) **	1319-46-6	215-290-6	0.005	N.D.
104	Lead oxide sulfate(basic lead sulfate) **	12036-76-9	234-853-7	0.005	N.D.
105	[Phthalato(2-)]dioxotrilead(dibasic lead phthalate) **	69011-06-9	273-688-5	0.005	N.D.
106	Dioxobis(stearato)trilead**	12578-12-0	235-702-8	0.005	N.D.
107	Fatty acids, C16-18, lead salts**	91031-62-8	292-966-7	0.005	N.D.
108	Lead bis(tetrafluoroborate) **	13814-96-5	237-486-0	0.005	N.D.

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109	Lead cyanamide**	20837-86-9	244-073-9	0.005	N.D.
110	Lead dinitrate**	10099-74-8	233-245-9	0.005	N.D.
111	Lead oxide(lead monoxide) **	1317-36-8	215-267-0	0.005	N.D.
112	Lead tetroxide(orange lead) **	1314-41-6	215-235-6	0.005	N.D.
113	Lead titanium trioxide**	12060-00-3	235-038-9	0.005	N.D.
114	Lead Titanium Zirconium Oxide**	12626-81-2	235-727-4	0.005	N.D.
115	Pentalead tetraoxide sulphate**	12065-90-6	235-067-7	0.005	N.D.
116	Pyrochlore, antimony lead yellow**	8012 -00-8	232-382-1	0.005	N.D.
117	Silicic acid, barium salt, lead-doped**	68784-75-8	272-271-5	0.005	N.D.
118	Silicic acid, lead salt**	11120-22-2	234-363-3	0.005	N.D.
119	Sulfurous acid, lead salt, dibasic**	62229-08-7	263-467-1	0.005	N.D.
120	Tetraethyllead**	78-00-2	201-075-4	0.005	N.D.
121	Tetralead trioxide sulphate**	12202-17-4	235-380-9	0.005	N.D.
122	Trilead dioxide phosphonate**	12141-20-7	235-252-2	0.005	N.D.
123	Furan	110-00-9	203-727-3	0.020	N.D.
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9	200-879-2	0.020	N.D.
125	Diethyl sulphate	64-67-5	200-589-6	0.020	N.D.
126	Dimethyl sulphate	77-78-1	201-058-1	0.020	N.D.
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.020	N.D.
128	Dinoseb	88-85-7	201-861-7	0.020	N.D.
129	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.020	N.D.
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.020	N.D.
131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3	200-453-6	0.020	N.D.
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7	202-453-1	0.020	N.D.
133	6-methoxy-m-toluidine(p-cresidine)	120-71-8	204-419-1	0.020	N.D.

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134	Biphenyl-4-ylamine	92-67-1	202-177-1	0.020	N.D.
135	o-aminoazotoluene	97-56-3	202-591-2	0.020	N.D.
136	o-Toluidine; 2-Aminotoluene	95-53-4	202-429-0	0.020	N.D.
137	N-methylacetamide	79-16-3	201-182-6	0.020	N.D.
138	1-bromopropane; n-propyl bromide	106-94-5	203-445-0	0.020	N.D.
139	Cadmium **	7440-43-9	231-152-8	0.005	N.D.
140	Cadmium oxide **	1306-19-0	215-146-2	0.005	N.D.
141	Dipentyl phthalate(DPP)	131-18-0	205-017-9	0.020	N.D.
142	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol , ethoxylated covering UVCB- and well-defined substances, polymers and homologues]	--	--	0.020	N.D.
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.020	N.D.
144	Pentadecafluorooctanoic acid(PFOA)	335-67-1	206-397-9	0.020	N.D.
145	Cadmium sulphide**	1306-23-6	215-147-8	0.005	N.D.
146	Diethyl phthalate	84-75-3	201-559-5	0.020	N.D.
147	C.I. Direct Red 28	573-58-0	209-358-4	0.020	N.D.
148	C.I. Direct Black 38	1937-37-7	217-710-3	0.020	N.D.
149	2-imidazoline-2-thiol	96-45-7	202-506-9	0.020	N.D.
150	Lead di(acetate)**	301-04-2	206-104-4	0.005	N.D.
151	Triethyl phosphate	25155-23-1	246-677-8	0.020	N.D.
152	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	68515-50-4	271-093-5	0.020	N.D.
153	Cadmium chloride**	10108-64-2	233-296-7	0.005	N.D.
154	Sodium perborate; perboric acid, sodium salt**	-	239-172-9/ 234-390-0	0.005	N.D.
155	Sodium peroxometaborate**	7632-04-4	231-556-4	0.005	N.D.

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156	Cadmium fluoride**	7790-79-6	232-222-0	0.005	N.D.
157	Cadmium sulphate**	10124-36-4/ 31119-53-6	233-331-6	0.005	N.D.
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol(UV-320)	3846-71-7	223-346-6	0.020	N.D.
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol(UV-328)	25973-55-1	247-284-8	0.020	N.D.
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	0.020	N.D.
161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	--	--	0.020	N.D.
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters	68515-51-5, 68648-93-1	271-094-0 272-013-1	0.020	N.D.
163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual isomers of [1] and [2] or any combination thereof]	--	--	0.020	N.D.
164	Nitrobenzene	98-95-3	202-716-0	0.020	N.D.
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol(UV-327)	3864-99-1	223-383-8	0.020	N.D.
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol(UV-350)	36437-37-3	253-037-1	0.020	N.D.
167	1,3-propanesultone	1120-71-4	214-317-9	0.020	N.D.

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168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	0.020	N.D.
169	Benzo[def]chrysene(Benzo[a]pyrene)	50-32-8	200-028-5	0.020	N.D.
170	4,4'-isopropylidenediphenol (Bisphenol A; BPA)	80-05-7	201-245-8	0.010	N.D.
171	Nonadecafluorodecanoic acid(PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	221-470-5 206-400-3 --	0.010	N.D.
172	p-(1,1-Dimethylpropyl)phenol	80-46-6	201-280-9	0.010	N.D.
173	4-heptylphenol, branched and linear[substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB-and well-defined substance which include any of the individual isomers or acombination thereof]	--	--	0.050	N.D.
174	Perfluorohexyl sulfonic acid and its salts (PFHxS)	355-46-4	206-587-1	0.050	N.D.
175	Dron [including all trans and cis isomers and combinations thereof]	13560-89-9 135821-74-8 135821-03-3	--	0.020	N.D.
176	Benzo (a) anthracene	56-55-3	200-280-6	0.020	N.D.
177	Cadmium nitrate**	10325-94-7	233-710-6	0.005	N.D.
178	Cadmium carbonate**	513-78-0	208-168-9	0.005	N.D.
179	Cadmium hydroxide**	21041-95-2	244-168-5	0.005	N.D.
180	Chrysene	218-01-9	205-923-4	0.020	N.D.
181	1,3,4-thiadiazolidine-2,5-dithione, the reaction products of branched and linear (RP-HP) of formaldehyde and 4-heptylphenol [4 + A2:	--	--	0.020	N.D.

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Code	Test Item	CAS No.	EC No.	Report Limit (%)	Report Results (%)
181	G21-heptylphenol, Branched and linear content $\geq 0.1\%$ w / w]	--	--	0.020	N.D.
182	1,2,4-Benzenetricarboxylic anhydride (Trimellitic anhydride, TMA)	552-30-7	209-008-0	0.020	N.D.
183	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.020	N.D.
184	Octamethylcyclotetrasiloxane(D4)	556-67-2	209-136-7	0.020	N.D.
185	Decamethylcyclopentasiloxane(D5)	541-02-6	208-764-9	0.020	N.D.
186	Dodecamethylcyclohexasiloxane(D6)	540-97-6	208-762-8	0.020	N.D.
187	Lead**	7439-92-1	231-100-4	0.005	N.D.
188	Disodium octaborate**	12008-41-2	234-541-0	0.005	N.D.
189	Benzo[g,h,i]perylene	191-24-2	205-883-8	0.020	N.D.
190	Terphenyl hydrogenated	61788-32-7	262-967-7	0.020	N.D.
191	Ethylenediamine(EDA)	107-15-3	203-468-6	0.020	N.D.
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.020	N.D.
193	Benzo[k]fluoranthene	207-08-9	205-916-6	0.020	N.D.
194	Fluoranthene	206-44-0	205-912-4	0.020	N.D.
195	Phenanthrene	85-01-8	201-581-5	0.020	N.D.
196	Pyrene	129-00-0	204-927-3	0.020	N.D.
197	1,7,7-trimethyl-3-(phenylmethylene)-bicyclo-[2.2.1]heptan-2-one	15087-24-8	239-139-9	0.020	N.D.

Note:

1. mg/kg = ppm = 10^{-6}
2. % = w/w
3. N.D. : < Report Limit
4. *The detected DHNUP are consisted of six phthalates which CAS number are 85507-79-5, 68515-44-6, 68515-45-7, 111381-89-6, 111381-90-9 and 111381-91-0. according to the Annex 15 of REACH.
5. ** According to the 5.2.1 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011, the selected test methods only show the existence of certain elements rather than the existence of substances, using additional measurements to screen for the existence and identification of substances in a sample when necessary.

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6. Report Results: based on measurements in most cases will identify the chemical constituents in the sample but not necessarily "the substance" which were originally used to produce the article, professional consults, products information, testing processes, features of materials, characteristics of the SVHC and chemical analysis etc to obtain the assessments results according to the 5.2 item of the second version of ECHA "Guidance on requirements for substances in articles", 2011.
7. Report Limit: Be obtained from the uncertainty, the 0.1 % threshold and the ECHA "Guidance on requirements for substances in articles".
8. The results of this report are the results of the mixed test of the five sample.

Appendix:

1. Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
 - 1) Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.
 - 2) On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.
2. The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.
3. The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.
 - 1) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.
 - 2) Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of $\geq 0.1\%$ by weight for non-gaseous mixtures or $\geq 0.2\%$ by volume for gaseous mixtures.

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Photograph of Sample

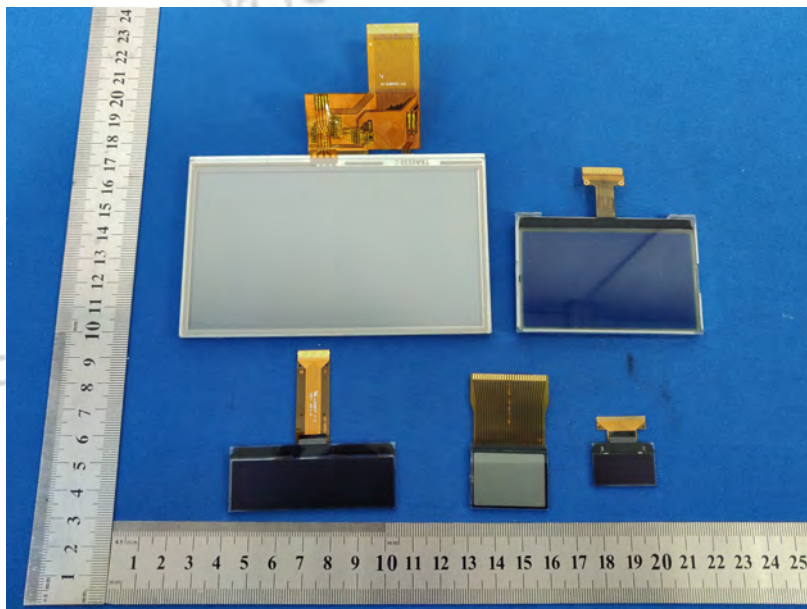


Fig.1

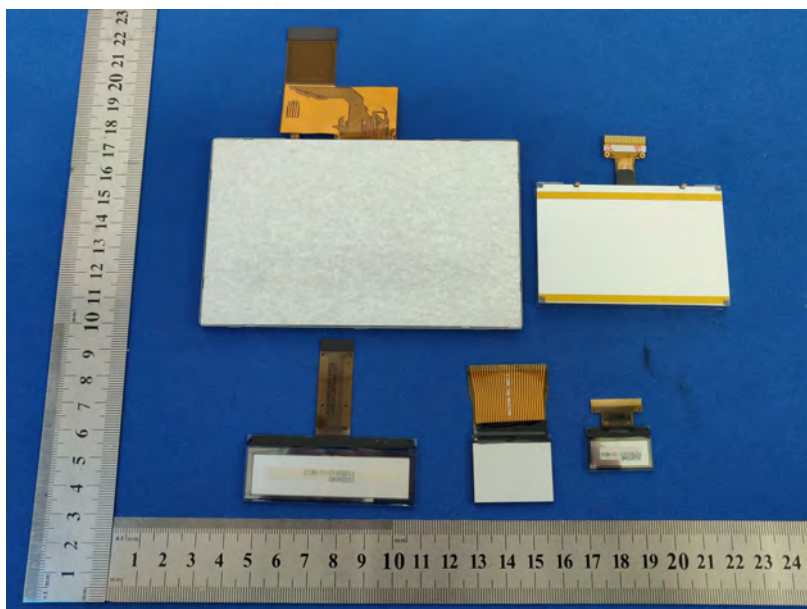


Fig.2

Test Report

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STATEMENT

1. The equipment lists are traceable to the national reference standards.
2. The test report can not be partially copied unless prior written approval is issued from our lab.
3. The test report is invalid without stamp of laboratory.
4. The test report is invalid without signature of person(s) testing and authorizing.
5. The test process and test result is only related to the Unit Under Test.
6. The quality system of our laboratory is in accordance with ISO/IEC17025.
7. If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.

Address: BCTC Building & 1-2F, East of B Building, Pengzhou Industrial, Fuyuan 1st Road,
Qiaotou Community, Fuyong Street, Bao'an District, Shenzhen, China

P.C.: 518103

TEL: 400-788-9558

FAX: 0755-33229357

Internet: <http://www.bctc-lab.com>

E-Mail: bctc@bctc-lab.com.cn

***** END OF REPORT *****